

WHAT IS CLAIMED IS:

1. A line creating apparatus, comprising:
a laser source adapted to produce radiant energy;
a laser output altering device, and wherein radiant energy projected from said laser source orthogonally into said laser output altering device emerges from said laser output altering device in a predetermined plane; and
a mirror having reflecting surfaces with one surface positioned at a predetermined angle with respect to another surface and adapted such that radiant energy from said laser source is projected through said laser output altering device and onto said surfaces of said mirror to project a line at said predetermined angle within said predetermined plane.
2. The apparatus of claim 1, wherein said line is a level line and in the form of a circle.
3. The apparatus of claim 1, wherein said device is in the form of a capillary array.
4. The apparatus of claim 1, wherein said device is in the form of a hollow tube.
5. The apparatus of claim 1, wherein said device is in the form of a hollow tube within a hollow tube.
6. The apparatus of claim 1, wherein said device is in the form of a fiber optic rod.
7. The apparatus of claim 1, wherein said predetermined angle is 45°.
8. The apparatus of claim 1, wherein said predetermined angle is 90°.

9. A line creating apparatus, comprising:
a laser source adapted to produce radiant energy;
a laser output altering device, and wherein radiant energy projected from said laser source orthogonally into said laser output altering device emerges from said laser output altering device in a predetermined plane; and
a pair of orthogonally connected substrates, said substrates including mirrors attached to a surface thereof, said light altering device being positioned in contact with said mirrors, and wherein one of said pair of substrates includes a channel therein through which said laser source projects radiant energy into said laser output altering device.
10. The apparatus of claim 9, wherein said line is a level line and in the form of a portion of a circle.
11. The apparatus of claim 9, wherein said device is in the form of a capillary array.
13. The apparatus of claim 9, wherein said device is in the form of a hollow tube.
14. The apparatus of claim 9, wherein said device is in the form of a hollow tube within a hollow tube.
15. The apparatus of claim 9, wherein said device is in the form of a fiber optic rod.
16. The apparatus of claim 9, wherein said predetermined angle is 45°.
17. The apparatus of claim 9, wherein said predetermined angle is 90°.